

INTERNATIONAL SEARCH REPORT

International Application No

PCT/GB 03/01505

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 G01N33/543 A61K47/48 C07C39/06 C07C43/23 C07C39/14
C07D307/78 C07D307/80 C07D307/12 C07D333/16 A61L15/20
B01D61/28

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 G01N C07C C07D A61K A61L B01D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, MEDLINE, BIOSIS

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	WO 01 45745 A (SMITHKLINE BEECHAM BIOLOG ;ACAMBIS RES LTD (GB); FLINN NICHOLAS (G) 28 June 2001 (2001-06-28) cited in the application the whole document	1-50
A	YAMADA H ET AL: "An S-Alkylating Reagent with Positive Charges as an Efficient Solubilizer of Denatured Disulfide-Containing Proteins" JOURNAL OF BIOCHEMISTRY, JAPANESE BIOCHEMICAL SOCIETY, TOKYO, JP, vol. 116, 1994, pages 852-857, XP002192467 ISSN: 0021-924X the whole document	1-50

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents:

A document defining the general state of the art which is not considered to be of particular relevance

E earlier document but published on or after the international filing date

L document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

O document referring to an oral disclosure, use, exhibition or other means

P document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

Z document member of the same patent family

Date of the actual completion of the international search

30 October 2003

Date of mailing of the international search report

20/11/2003

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	SHAW K L ET AL: "The effect of net charge on the solubility, activity, and stability of ribonuclease Sa." PROTEIN SCIENCE: A PUBLICATION OF THE PROTEIN SOCIETY. UNITED STATES JUN 2001, vol. 10, no. 6, June 2001 (2001-06), pages 1206-1215, XP009019515 ISSN: 0961-8368 the whole document	1-50
A	TAYYAB S ET AL: "Influence of succinylation of bovine serum albumin on its conformation and bilirubin binding." BIOCHIMICA ET BIOPHYSICA ACTA. NETHERLANDS 7 JUL 1987, vol. 913, no. 3, 7 July 1987 (1987-07-07), pages 359-367, XP009019489 ISSN: 0006-3002 the whole document	1-50
A	ANSARI A A ET AL: "Acetylation of amino groups and its effect on the conformation and immunological activity of obalbumin." THE JOURNAL OF BIOLOGICAL CHEMISTRY. UNITED STATES 10 MAR 1975, vol. 250, no. 5, 10 March 1975 (1975-03-10), pages 1625-1632, XP001155682 ISSN: 0021-9258 the whole document	1-50
Y	JUE R ET AL: "ADDITION OF SULFHYDRYL GROUPS TO ESCHERICHIA-COLI RIBOSOMES BY PROTEIN MODIFICATION WITH 2 IMINO THIOLANE METHYL-4-MERCAPTO BUTYRIMIDATE" BIOCHEMISTRY, vol. 17, no. 25, 1978, pages 5399-5406, XP001155988 ISSN: 0006-2960 the whole document	1-50

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Information on patent family members

International Application No

PCT/GB 03/01505

Patent document cited in search report		Publication date		Patent family member(s)	Publication date
WO 0145745	A	28-06-2001	AU	2206701 A	03-07-2001
			WO	0145745 A2	28-06-2001